

ABSTRACT

An earphone system 201 comprises an earphone 211, a microphone 212, a connection plug 213, a signal cable 214 for
5 connecting those, and a hollow cylindrical high-frequency current
suppressor 215 attached to the signal cable 214 at a position near
the earphone 211 with covering an external circumferencial
surface 216a of the cable housing 216. When used for a terminal
equipment for mobile communication, high-frequency current
10 generated by electromagnetic waves produced from the terminal
equipment can be reduced. The earphone system 201 can prevent
an increase of SAR value in human head.